

09/816010

Cofc

---

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**


---

In re application of: Dean R. E. Long

Attorney Docket No.: SUN1P279/P4888

Patent: 7,003,521 B2

Issued: February 21, 2006

Title: METHOD AND APPARATUS FOR  
LOCKING OBJECTS USING SHARED LOCKS

---

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on August 24, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22312-1450.

Signed: \_\_\_\_\_

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION  
OF OFFICE MISTAKE  
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Certificate of Correction

**Certificate  
AUG 31 2006  
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

**CLAIMS:**

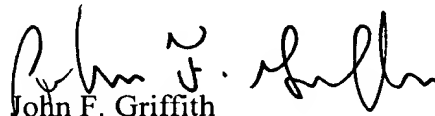
1. In line 23 of claim 11 (column 12, line 41) change "fur associating" to --for associating--. This appears correctly in Amendment AF as filed on August 22, 2005, on page 4, claim 11, line 15.
2. In line 2 of claim 18 (column 13, line 35) change "look identifier" to --lock identifiers--. This appears correctly in Amendment AF as filed on August 22, 2005, on page 6, claim 18, line 2.

AUG 31 2006

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P279).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
John F. Griffith  
Registration No. 44,137

P.O. Box 70250  
Oakland, CA 94612-0250  
650-961-8300

44381 4006



plurality of lock identifiers is associated with corresponding index values included in the plurality of index values;

wherein the associated lock is held by a thread, and the associated lock can be released such that an object associated with the lock is not locked ~~by the thread~~ in response to a determination that a requesting thread is also the thread that is holding the associated lock.

18. (Original) A data structure according to claim 17 wherein at least one lock identifier included in the plurality of lock identifiers is associated with more than one index value included in the plurality of index values.

19. (Original) A data structure according to claim 18 wherein the data structure is arranged to be accessed by a thread using a value corresponding to a first index value included in the plurality of index values to identify a suitable lock for use in locking a first object included in the computing system.

20. (Original) A data structure according to claim 17 wherein the plurality of index values are hash values of address locations associated with the computing system.

21. (Previously Presented) A computer-implemented method for acquiring access to an object in an object-based system, the method comprising:

providing a thread that attempts to acquire access to an object;  
identifying a memory address value associated with the object;  
identifying a first synchronization construct that is suitable for use in granting access to the object;  
determining that the first synchronization construct is unavailable;  
when it is determined that the first synchronization construct is unavailable, determining that the thread that is attempting to acquire access to the object is already associated with the object; and  
when it is determined that the thread that is attempting to acquire access to the object is already associated with the object, releasing the association such that the thread is not associated with the object.

22. (Previously Presented) A computer program product for acquiring access to an object in an object-based system, the computer program product comprising:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB Control number

(Also Form PT-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,003,521 B2

Page 1 of 1

DATED : February 21, 2006

INVENTOR(S) : Dean R. E. Long

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

### In the Claims:

In line 23 of claim 11 (column 12, line 41) change "fur associating" to --for associating--.

In line 2 of claim 18 (column 13, line 35) change "look identifier" to --lock identifiers--.

MAILING ADDRESS OF SENDER:

PATENT NO. 7,003,521 B2

**John F. Griffith**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 70250  
Oakland, CA 94612-0250

No. of Additional Copies

1

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 31 2006